

FIG. 1

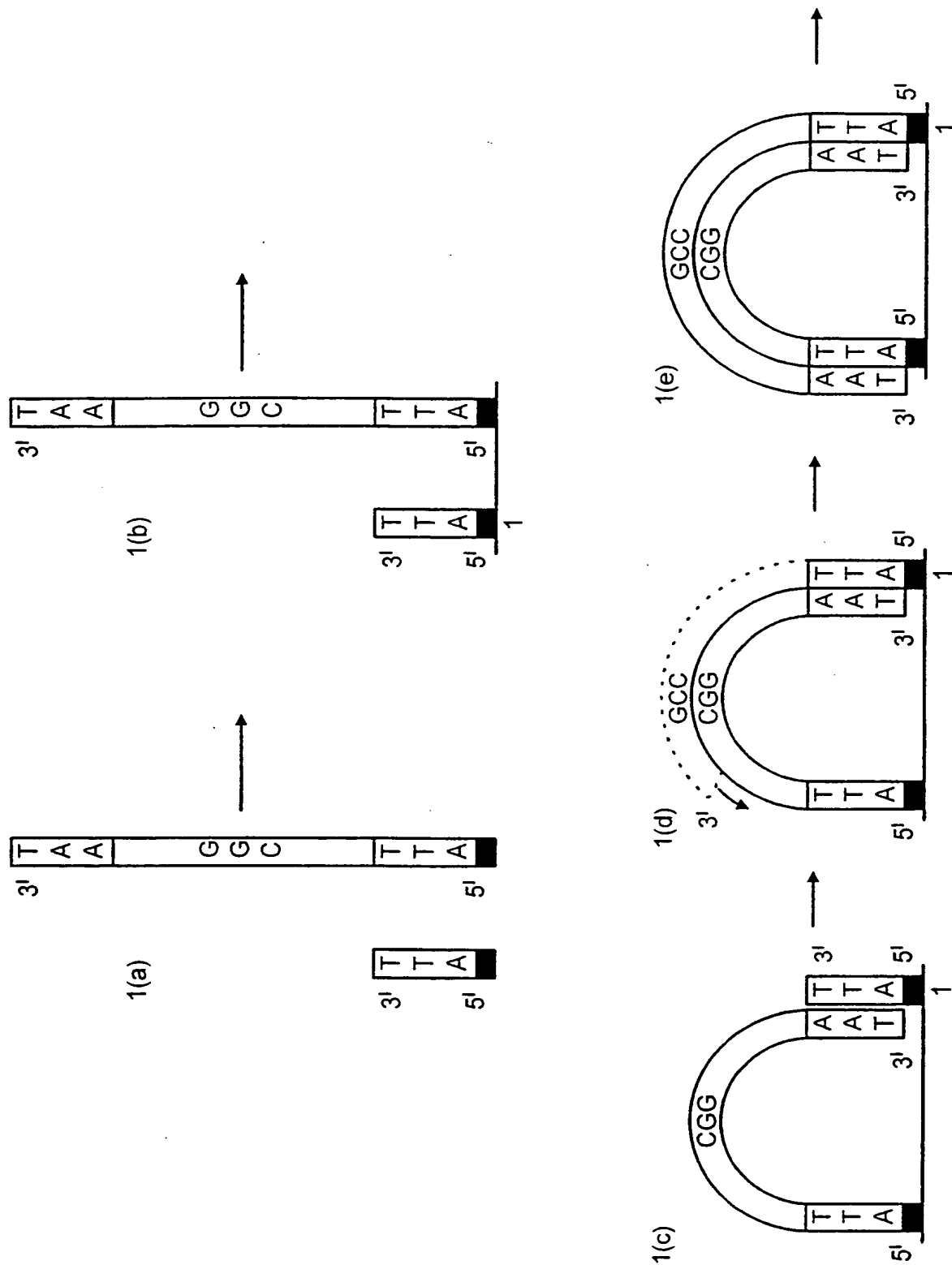
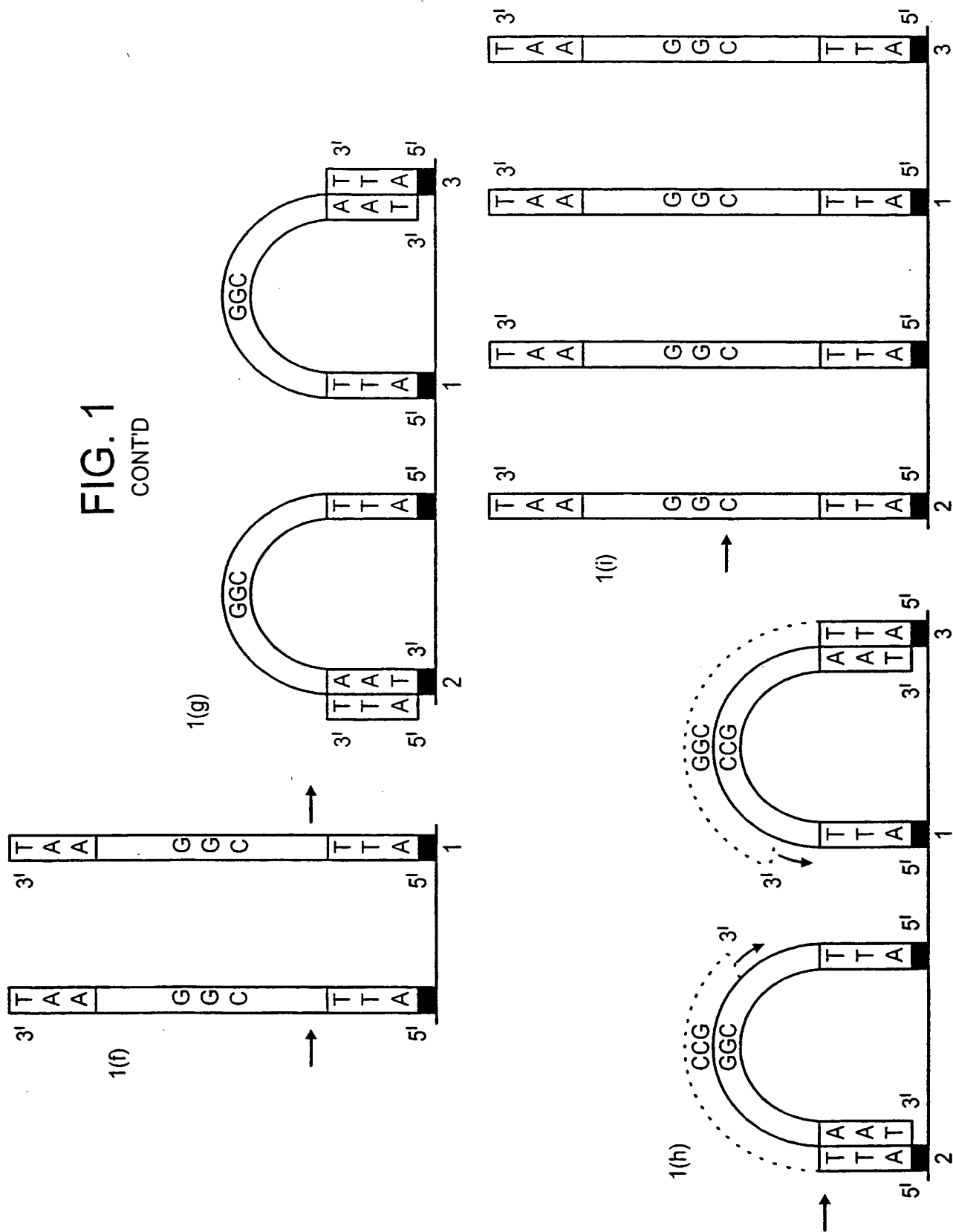


FIG. 1

FIG. 1

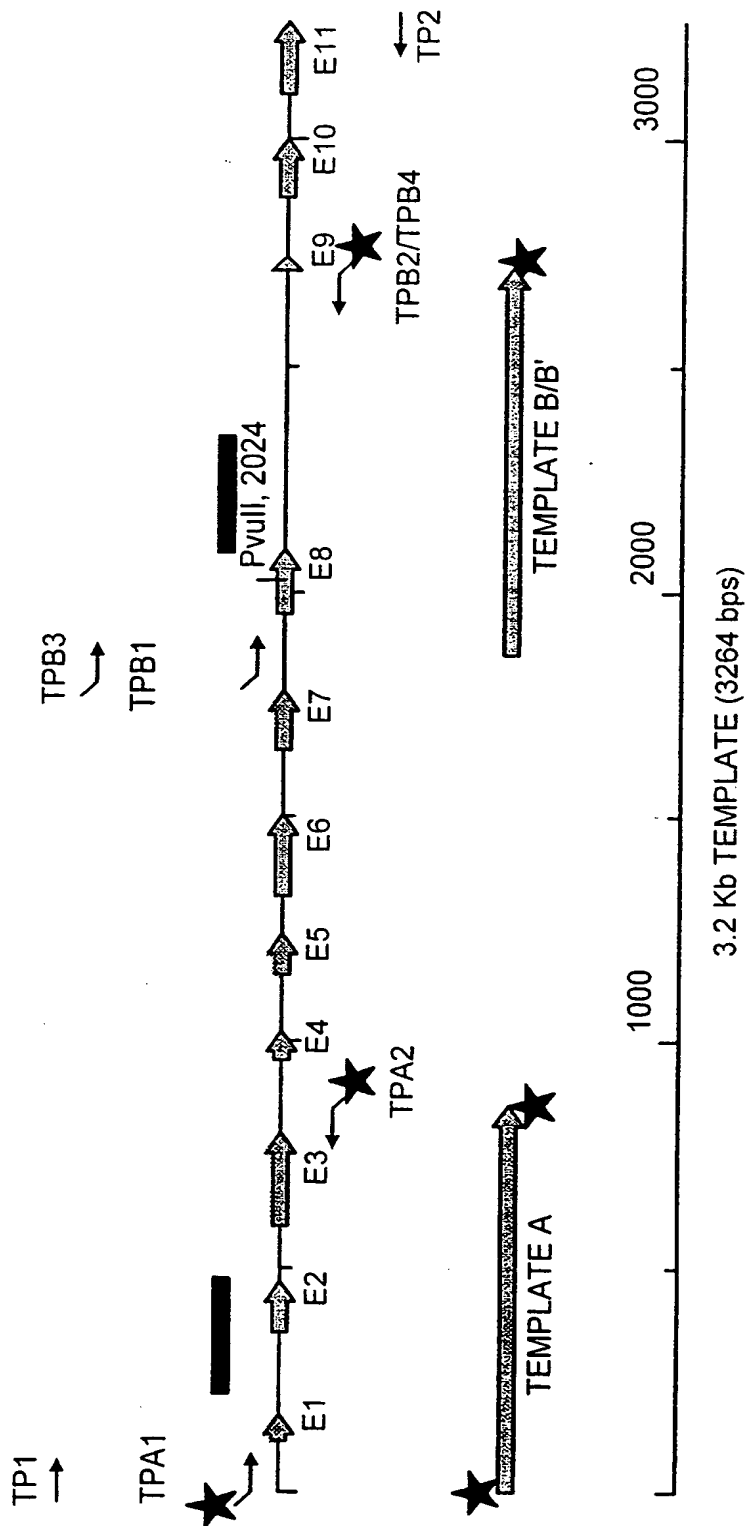
CONT'D



3 / 10

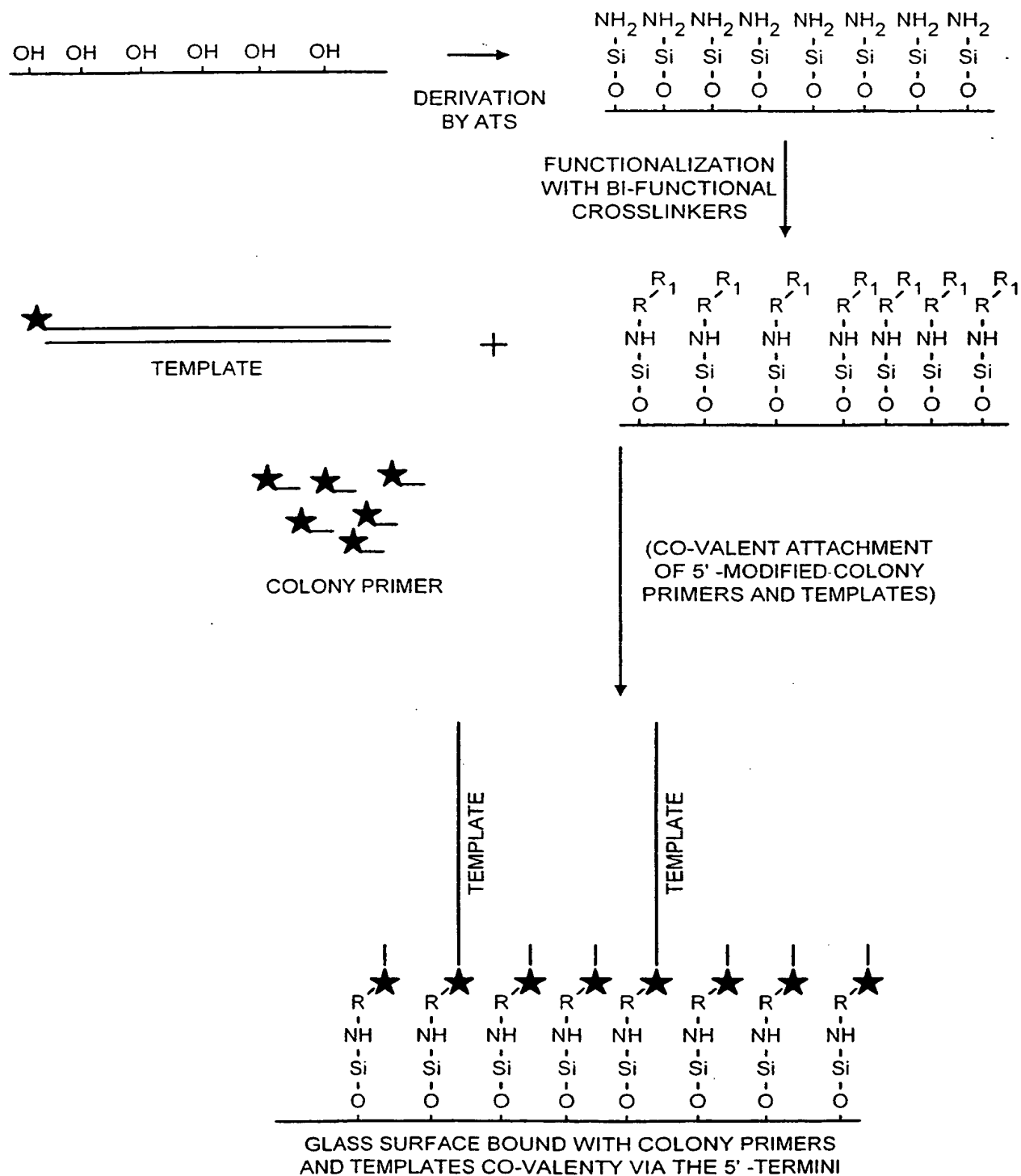
FIG. 2a

PREPARATION OF TEMPLATES CONTAINING COLONY PRIMER SEQUENCES
(LOCATION OF PRIMERS ON RAGE)



4 / 10

FIG. 2b

CHEMICAL ATTACHMENT OF COLONY PRIMERS AND
COLONY TEMPLATES TO THE SURFACE

5 / 10

FIG. 3

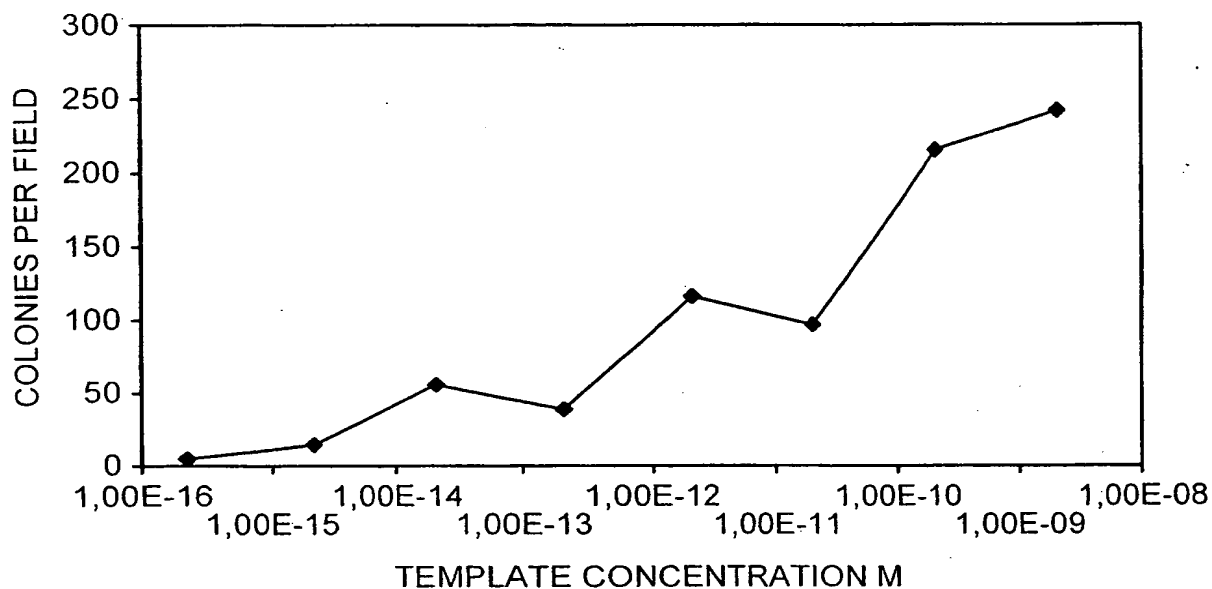
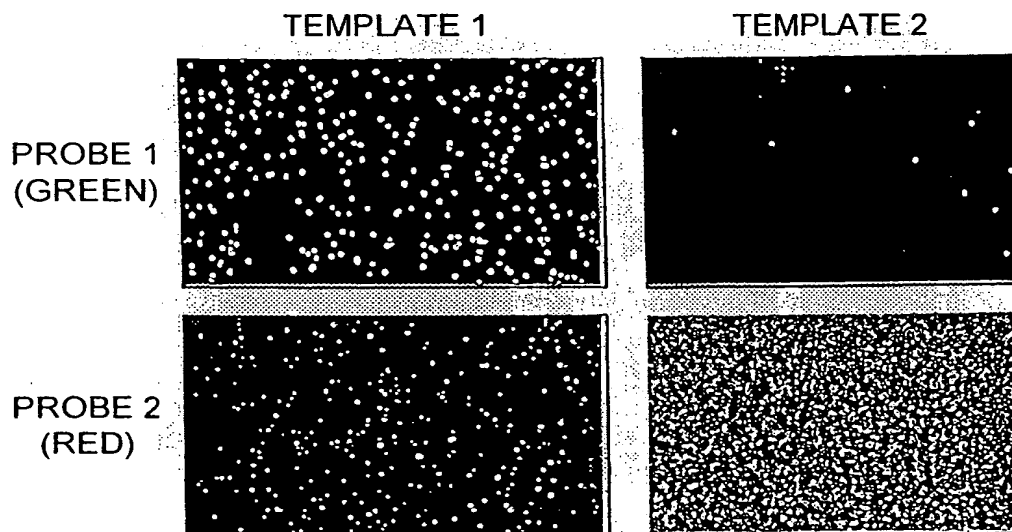
COLONIES FORMED WITH TEMPLATE AND COLONY
PRIMER ATTACHED TO THE SUPPORT

FIG. 4a

SIMULTANEOUS DETECTION OF TWO
INDEPENDENT DNA COLONIES

6 / 10

FIG. 4b

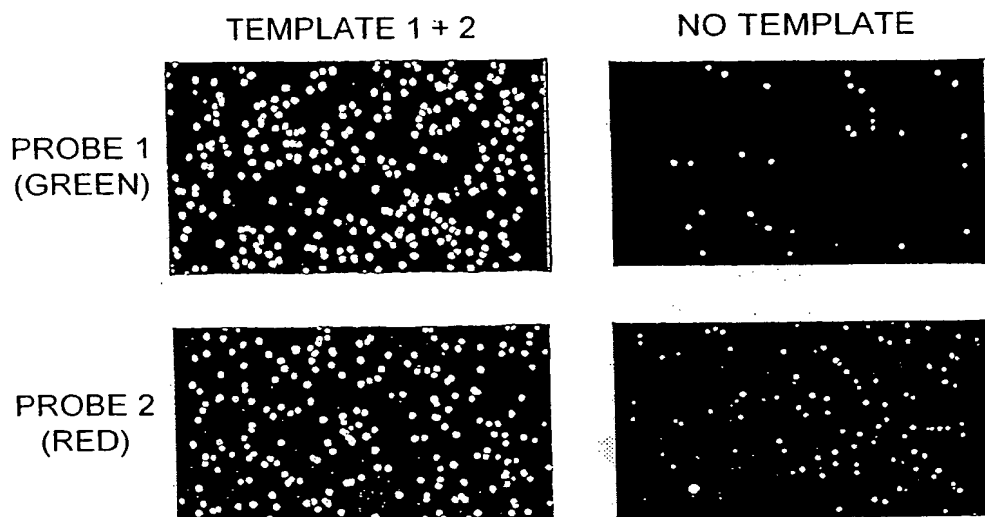
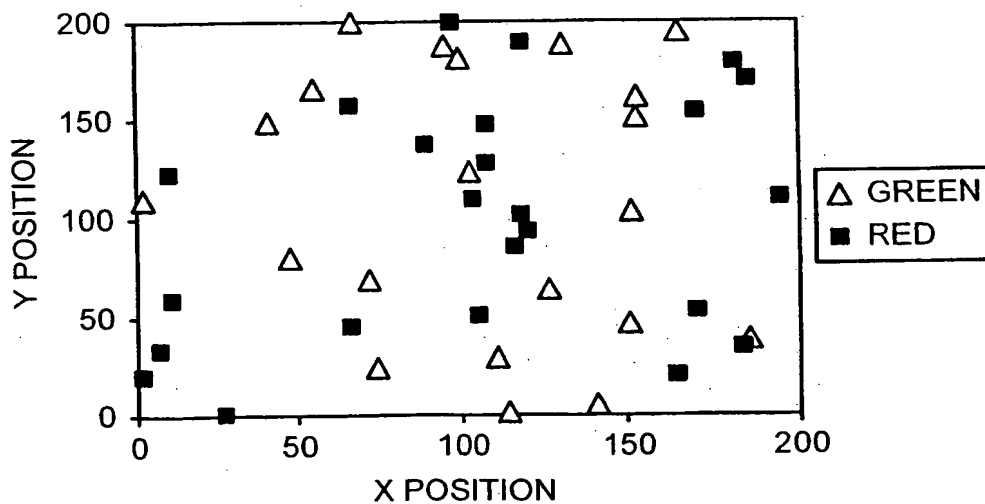


FIG. 4c

OVERLAY IMAGE OF GREEN AND RED COLONIES



7 / 10

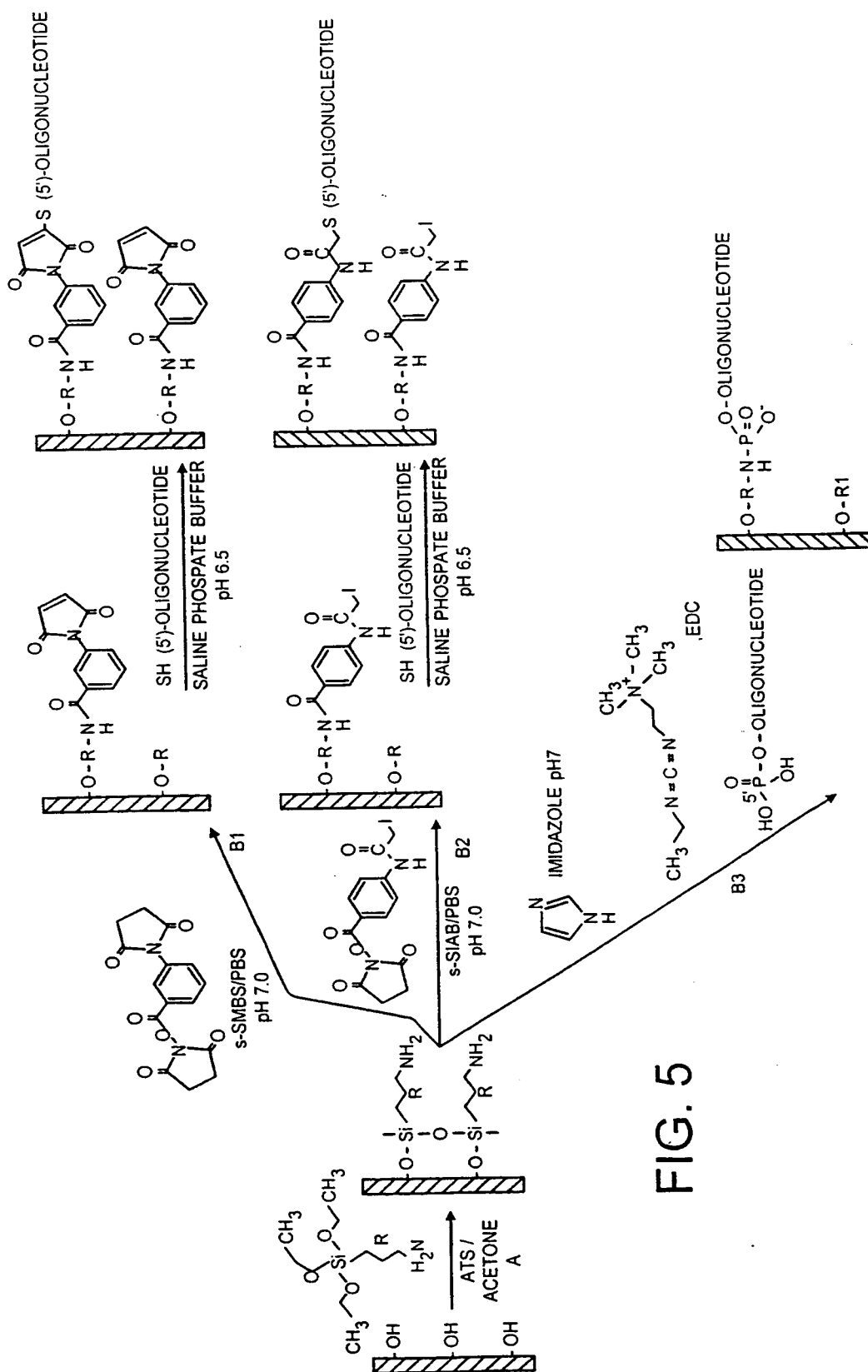
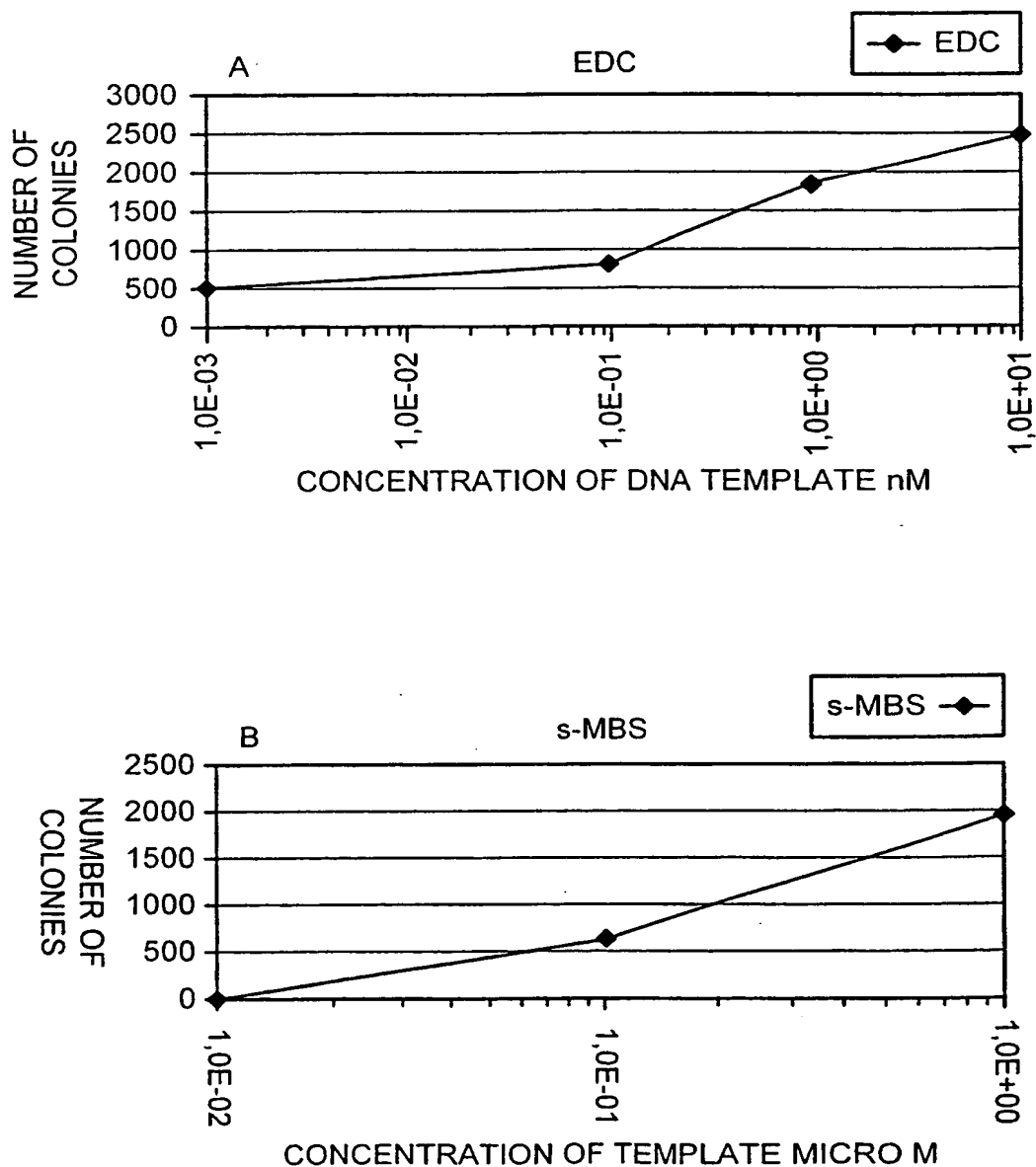


FIG. 5

8 / 10

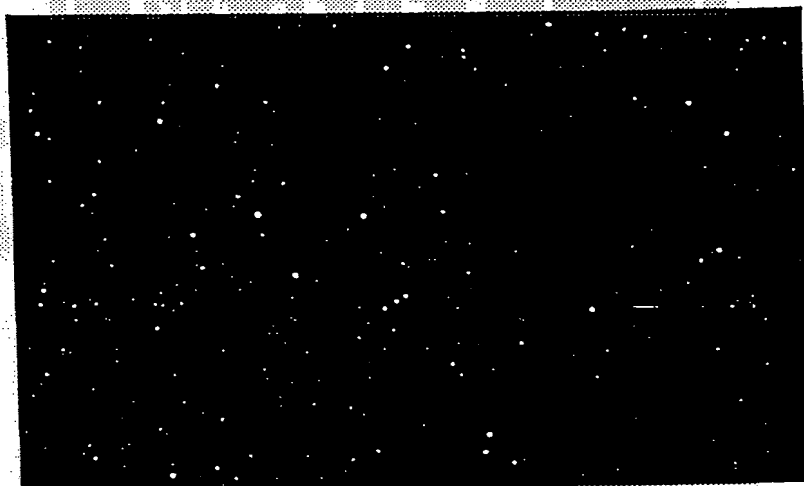
FIG. 6

DNA COLONY GENERATION ON GLASS:
EFFECT OF TEMPLATE CONCENTRATION

(a)



(b)



(c)

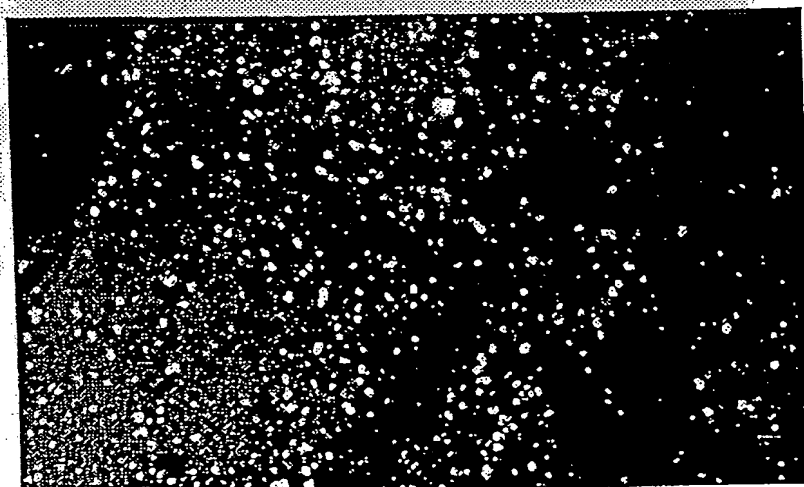


FIG. 7

SUBSTITUTE SHEET (RULE 26)

09806531-101901

10 / 10

FIG. 8

